

In the Claims:

Claim 1 (cancelled).

Claim 2 (previously presented) The method of claim 6 wherein the protein has been obtained from an extract from cells of the plant *Pilocarpus Heterophyllus* cultured *in vitro*.

Claim 3 (previously presented) The method of claim 6 wherein the cancers dependent on the growth factor GHRH are small-cell lung cancer or breast cancer.

Claim 4 (previously presented) The method of claim 3, wherein the cancer dependent on the growth factor GHRH is small-cell lung cancer.

Claim 5 (previously presented) The method of claim 3, wherein the cancer dependent on the growth factor GHRH is breast cancer.

Claim 6 (currently amended) A method of treating a cancer dependent on growth factor GHRH in warm-blooded animals comprising administering to warm-blooded animals in need thereof an amount of an isolated protein obtained by aqueous extraction of *Pilocarpus Heterophyllus*, said protein having a molecular mass of approximately 90.9 kDa determined by standard denaturing and reducing conditions and comprises fragments of peptide sequences SEQ ID NO:1, SEQ ID NO:2 and SEQ ID

NO:3 and being able to be presented in a glycosylated or non-glycosylated form sufficient to treat said cancer.